

# Group Contract

## Communication

For our group, we decided that communication over **Discord** would be the most convenient for all members. Discord also allows screen sharing, making it a valuable tool for collaboration. Each member is expected to respond within **one hour** to maintain efficiency and work within our given timeframe.

For planned video calls, members are expected to join within **15 minutes** of the scheduled time. Since these meetings take up a significant portion of our schedules, punctuality is appreciated. If a member is unable to join, they must notify the group beforehand so the rest can plan accordingly. Any health or family emergencies will, of course, be waived.

**Repeated failure** to adhere to the above communication agreements will result in an email to a TA or the professor, outlining the member's inability to meet agreed timeframes. This may lead to a deduction in their grade.

## Collaboration Tools

Our team will use **GitHub** to maintain version control. Each member may use the IDE of their choice, provided it is properly synced with Git. A shared repository will be created to store all code, diagrams, and other essential resources. This allows us to collaborate simultaneously, monitor each other's progress, and assist remotely.

The final report will be written using **Google Docs** to take advantage of its smooth real-time collaboration features. Sections may be drafted in other software and later copied into the main document.

## Dispute Resolution

Team disputes will be resolved via a discussion on Discord or through a scheduled video call. During this discussion, the team will review the reasons behind any disagreements. If necessary, a second chance may be offered.

If disputes cannot be resolved within the team and repeated failures occur, the matter will be escalated to a TA or the professor via email.

## Deadlines and Task Allocation

Our first internal deadline is **March 27th**, during which we will have a video call to discuss our progress on individual components of the project.

Initial task distribution is as follows:

- **Franklin:** Part 1, 6
- **Vik:** Part 2, 3
- **Peter:** Part 4, 5
- **Team:** Part 7

These assignments are not final. Members are encouraged to assist one another, as we recognize the difficulty level may vary between different parts of the project.